



Employment Opportunity: Beamline Scientist at the Advanced Photon Source

The Experimental Facilities Division, X-Ray Operations and Research (XOR) invites applications for a beamline scientist position at Sector 33 of the Advanced Photon Source (APS) at Argonne National Laboratory.

The scientific focus of the Sector 33 facilities is in the application of advanced x-ray scattering techniques in the area of materials science and condensed matter physics, with particular emphasis on x-ray surface and interface scattering techniques. The responsibilities of the beamline scientist include but are not limited to designing, testing, implementing, and maintaining instrumentation; developing and integrating novel synchrotron techniques; managing beam-line stations and support-laboratories; assisting users; and conducting individual and collaborative research.

The successful candidate will have scientific interests consistent with the focus of the Sector and will have experience with advanced x-ray scattering techniques at a synchrotron light source. Candidates with knowledge in the area of instrument control and data acquisition systems at third-generation synchrotron facilities are preferred. Applicants must have a Ph.D. in physics, chemistry, material science, or a related field, and 3-5 years of relevant experience. A background in x-ray scattering techniques, instrument design, electronics, software development for data acquisition and analysis, and/or assisting users at a synchrotron is desirable.

Argonne National Laboratory is a multi-program laboratory managed by the University of Chicago for the U.S. Department of Energy. Argonne is located about 25 miles southwest of Chicago on a beautiful 1500-acre campus-like environment. Interested candidates should send a detailed CV by January 15, 2006, along with a list of publications, and the names and addresses of three references through the Argonne web site at <http://www.anl.gov/jobs> under job search for requisition number 309160 XFD. For technical information contact Paul Zschack at zschack@anl.gov.

Argonne is an equal opportunity employer, and we value diversity in our workforce.